
DESCRIPTIVE CIRCULAR

—AND—

PRICE LIST 

—OF THE—

 **TANNER**

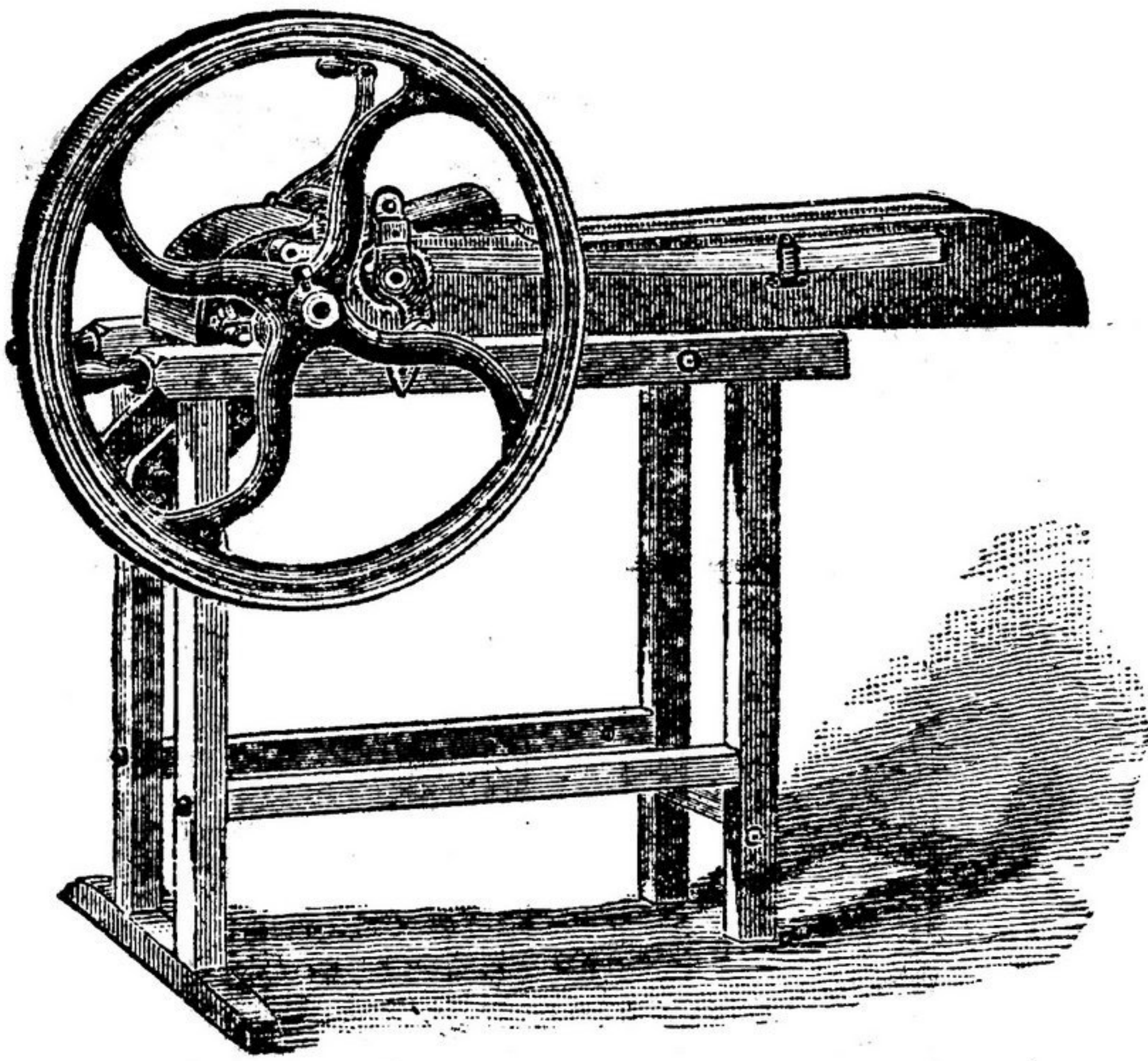
FEED  CUTTER

MANUFACTURED BY

D. F. TANNER,

Holland, Erie Co., N. Y.

FOR 



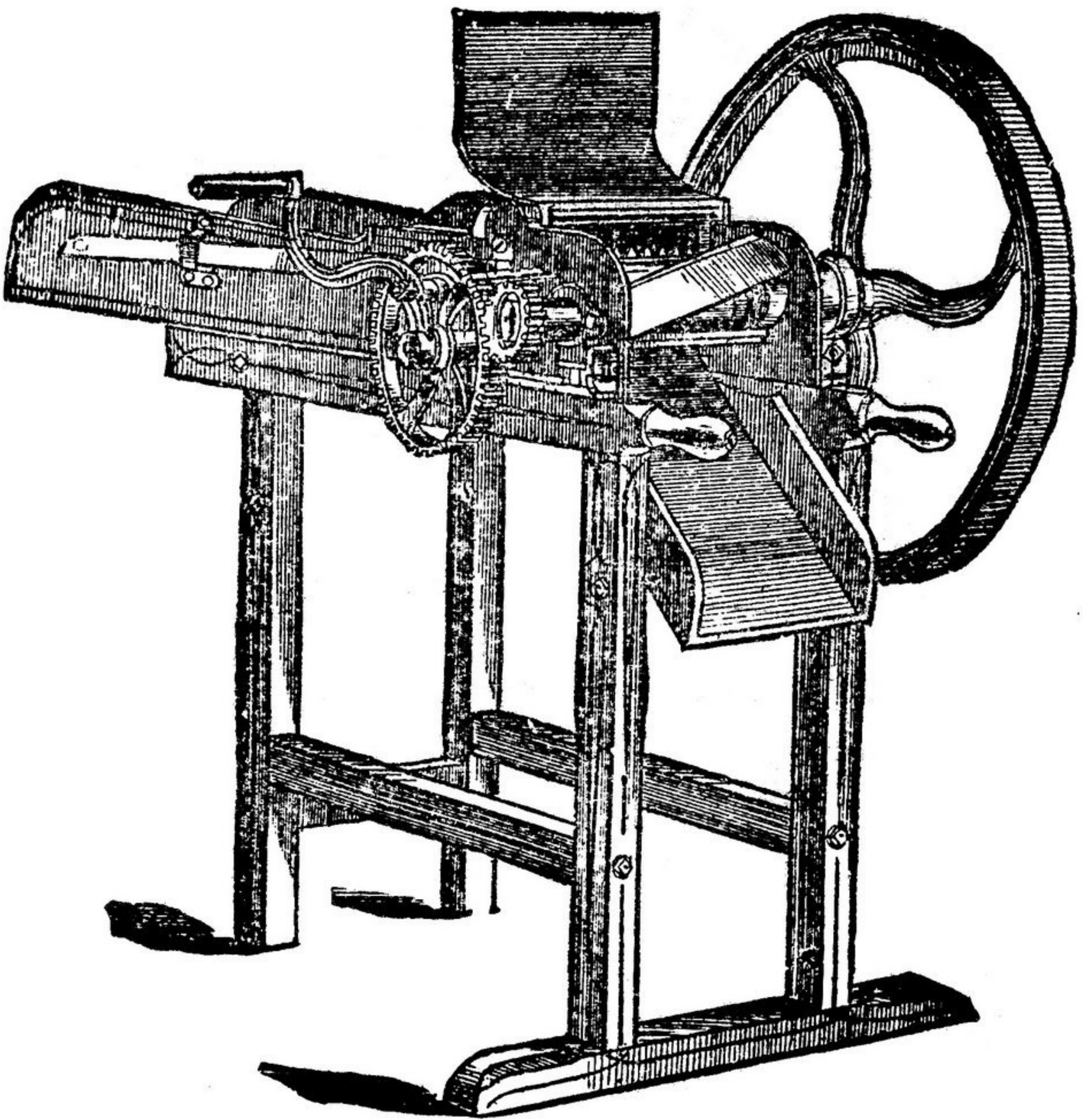
Representing Hand Power Feed Cutter Nos. 1 and 2.

Persons ordering repairs should be very careful to give the number of the Cutter they are for, the number of extra, and the name as described in this circular. When the number is cast on, give that, and if it is a wheel give the number of cogs and size of hole. In case there is any doubt, lay the piece on paper and mark its outline when possible.

No Goods will be sent out on commission. All orders or inquiries will have our prompt attention. Address,

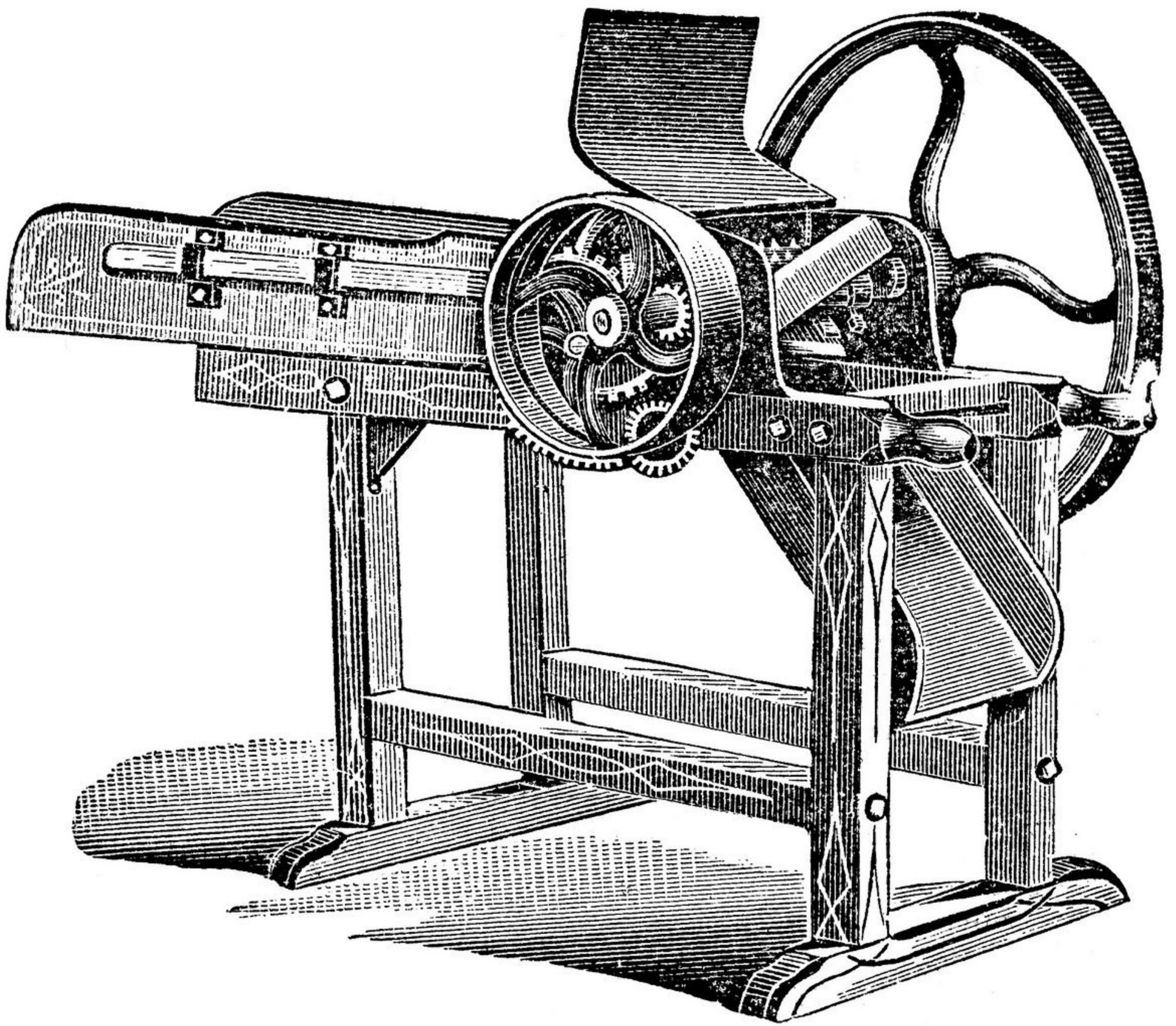
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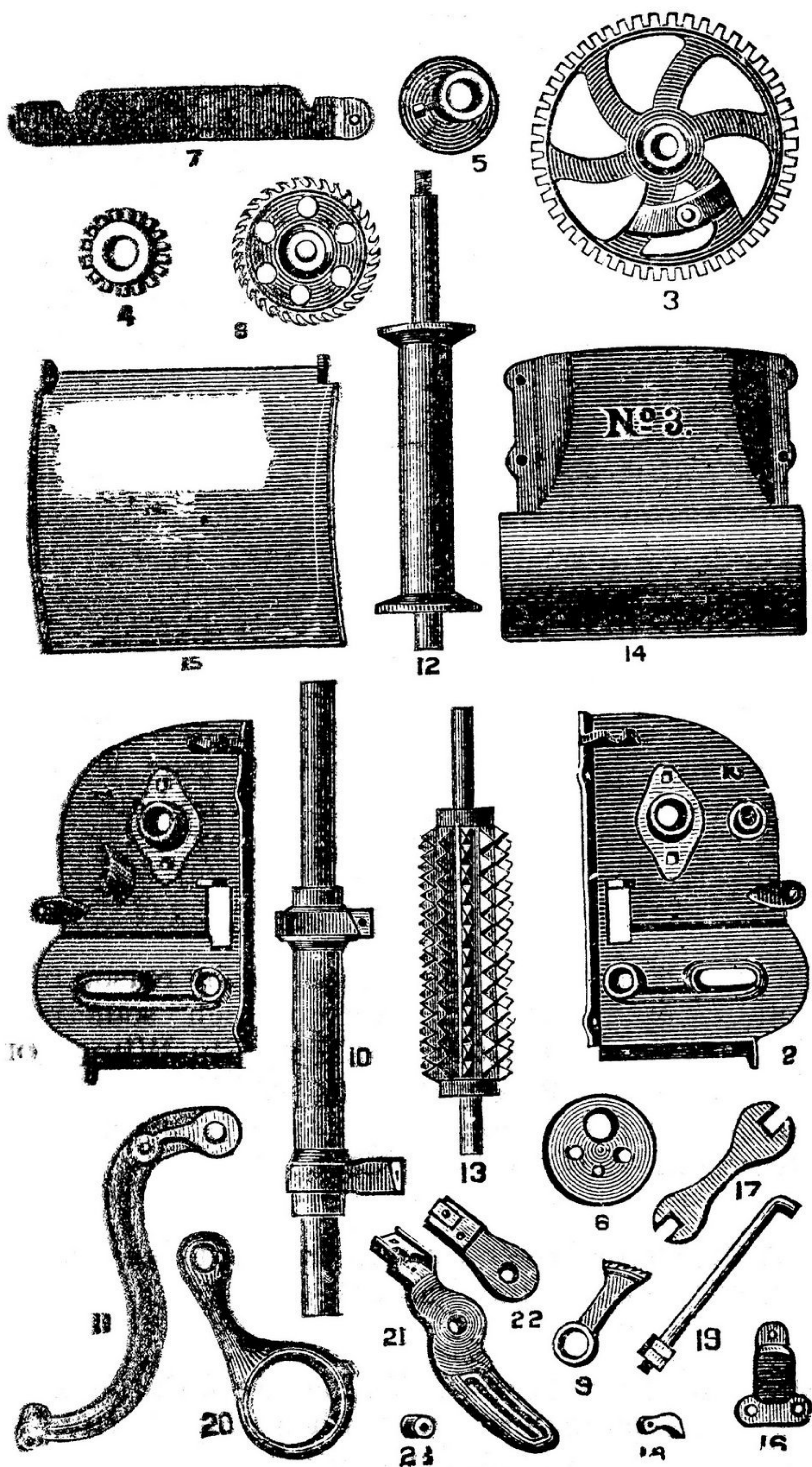


Representing Hand Power Feed Cutter Nos. 3 and 4.
No. 4 for Hand or Power.

Pulley for No. 4 ex ra, when ordered for power.



The above cut represents our Nos. 5 and 6 Power Cutters.
The length of cut is changed by reversing the double gear.



PRICE LIST OF CUTTERS.

No.	Length Knife.	Capacity per Minute.	Price.	Weight
1	8 inches.	$\frac{3}{4}$ Bush	\$17 00	135
2	9 $\frac{1}{2}$ "	1 "	20 00	150
3	11 "	1 $\frac{1}{2}$ "	25 00	210
4	12 $\frac{1}{2}$ "	2 "	30 00	225
5	13 $\frac{1}{2}$ "	3 "	50 00	350
6	15 "	5 "	60 00	400

PRICE LIST OF EXTRAS.

No. Cast On.	Name.	No. 1.	No. 2.	No. 3	No. 4	No. 5.	No. 6.
1	Left Side	\$1 25	\$1 35	\$1 50	\$1 75	\$2 50	\$3 00
2	Right side	1 25	1 35	1 50	1 75	2 50	3 00
3	Gear Wheel	1 00	1 00	1 50	1 50	1 75	1 75
4	Pinion	50	50	50	50		1 50
5	Eccentric	50	50	50	50		
6	Eccentric Flange	20	20	25	25		
7	Knife Bar	50	60	75	1 00	1 25	1 50
8	Feed Wheel	60	60	75	75		
9	Stop Dog	25	25	30	30	Head Only.	
10	Shaft, Knifehead com	3 00	3 50	4 00	4 50	1 00	1 25
11	Crank	60	60	75	75		
12	Lower Roller	1 00	1 00	1 25	1 50	2 00	3 00
13	Upper Roller	1 00	1 00	1 25	1 50	2 00	3 00
14	Cover	1 00	1 25	1 50	1 75	2 00	2 25
15	Bonnet	1 00	1 25	1 50	1 75	2 00	2 25
16	Spring Clamp	15	15	15	15	20	25
17	Wrench	30	30	30	30	30	30
18	Ratchet Dog	10	10	10	10		
19	Knife Bar Bolt	20	20	25	25	30	30
20	Eccentric Arm	75	75	75	75		
21	Ratchet Arm	75	75	75	75		
22	Ratchet Cover	25	25	25	25		
23	Bolt Roller	10	10	10	10		
24	Double Gear					1 25	1 25
25	Wide Pinion					1 00	1 00
26	Small Gear					1 75	75
27	Finger Gear					1 25	1 25

BALANCE WHEELS.

No. 1	\$3 00
No. 2	3 75
No. 3, Safety	4 50
No. 4, "	4 50
No. 5, "	6 00
No. 6, "	6 00

KNIVES.

Solid Steel, No. 1	\$1 00
" " No. 2	1 25
" " No. 3	1 50
" " No. 4	2 00
" " No. 5	2 50
" " No. 6	3 00

Cut Your Fodder.

THE American Farmer is beginning to realize the importance and necessity of grinding the grain and cutting all his fodder that is fed upon the farm. In European countries, where careful and economical farming is a necessity to meet the heavy rents and taxes there imposed, every pound of (chaff) fodder is cut before feeding; nothing is fed whole, even the bedding or "litter" is cut, and by machines made especially therefor. We have kept a record of reports from farmers to the saving and cutting of all kinds of fodder, and an average shows that with hay nearly one ton in three is saved, while with corn fodder a greater saving is made, according to the manner of cutting and care in feeding; and in addition to this a great improvement in the condition of every kind of stock is reported, as a better quality and condition of manure is produced.

Our cutters are adapted to every kind of fodder, including the largest of cornstalks, hard-frozen ears and all.

In presenting the **Tanner Feed and Ensilage Cutters** to the public for the season, we desire to say that we are not offering a strange and untried machine, for our Mr. J. S. Sen, who is a natural genius and experienced mechanic, in looking at the many different complicated and cumbersome machines that come to our shops for repairs one day made the remark that by taking the best feature out of all the cutters, a perfect machine could be constructed. Finding a growing demand for such an implement, we built one, and after several experiments and new inventions a patent was granted us Oct. 5th, 1886. Such has been its success that in the last two years we have made and sold several thousand of them in **Erie County alone**. Having the same management and the same superintendent, we claim that if experience is worth anything, we can speak knowingly in regard to the merits of Feed Cutters.

The demand has been so large, and the excellence of the **Tanner Feed Cutter** is so well known locally, that we have not deemed it necessary to gather and publish testimonials. The best testimonial we can offer is the machine itself, which we send out on trial, and if not satisfactory it can be returned within reasonable time, and money will be cheerfully refunded.

We offer to all who want an Ensilage or Feed Cutter a line of machines to select from, unsurpassed for excellence in construction and finish, simplicity, durability, easy running, and capacity, and at prices to suit the times, and within the means of the purchaser. We herewith give a few of the patented features and points deserving special mention:

One important requisite in a good cutter is a **stiff frame**. All our cutters have a four-legged frame, made of seasoned hardwood, well braced, put together with joint bolts, so that in case of exposure and shrinkage, the bolts may be tightened and the frame prevented from becoming rickety and the cutter worthless.

The Frame, Feed-box, and Spout are the only wood parts on our machine. The balance is iron and steel. By reference to our Price List of Extras you will find that our Hand Cutters have but 23 and our Power Cutters but 18 parts of iron, exclusive of Balance Wheel, Knives and Pulley. No other cutter can show such simplicity.

The **Shafts** are of the best wrought iron.

The **Knives** are Solid Tool Steel, with bevel rolled on to order and carefully tempered in oil, and are bolted on strong recessed knife arms. The back of the knife fits closely in the shoulder of the recess, so it cannot be jarred loose, and can easily be removed for sharpening or replaced by a new one.

Instead of moving the knives when worn down, we move the knife-shearing bar, which is easily and quickly done, by tightening up a draw bolt at each end. When worn out or broken, the knife-bar can be taken out at one side of the machine in a moment and replaced by a new one.

Our **Hand Feed Cutters** have but one knife, placed close to the Shaft, which gives a good purchase. It has a large gradual twist or Spiral shape, which gives it a good shear cut, and revolves so fast that you can perform as much work, do it easier and cut a greater variety of lengths, than with any other machine.

The **Feeding Device** is the best and simplest ever invented. It consists of two Cast Iron Rollers, the bottom one nearly Smooth; the top one has pyramidical-shaped projections, which grasp the feed and force it toward the

knife; the rollers are turned by one strong Ratchet, driven by an eccentric and eccentric-arm from the main shaft. We have a pressure on the upper roller from a hickory spring fastened on each side of the feed-box, which allows the roller to rise and fall obliquely or parallel, according to the irregularity of the fodder fed into the machine. At the same time the driving parts run in perfect alignment, and at any speed, without strain to any part, while it feeds light on one side and heavy on the other or both sides alike.

A continuous feed crowds the fodder against the knife and makes it run hard. Our machine does not **feed** when it **cuts**, which gives the knife free action; and again feeds while the knife comes around for the next cut.

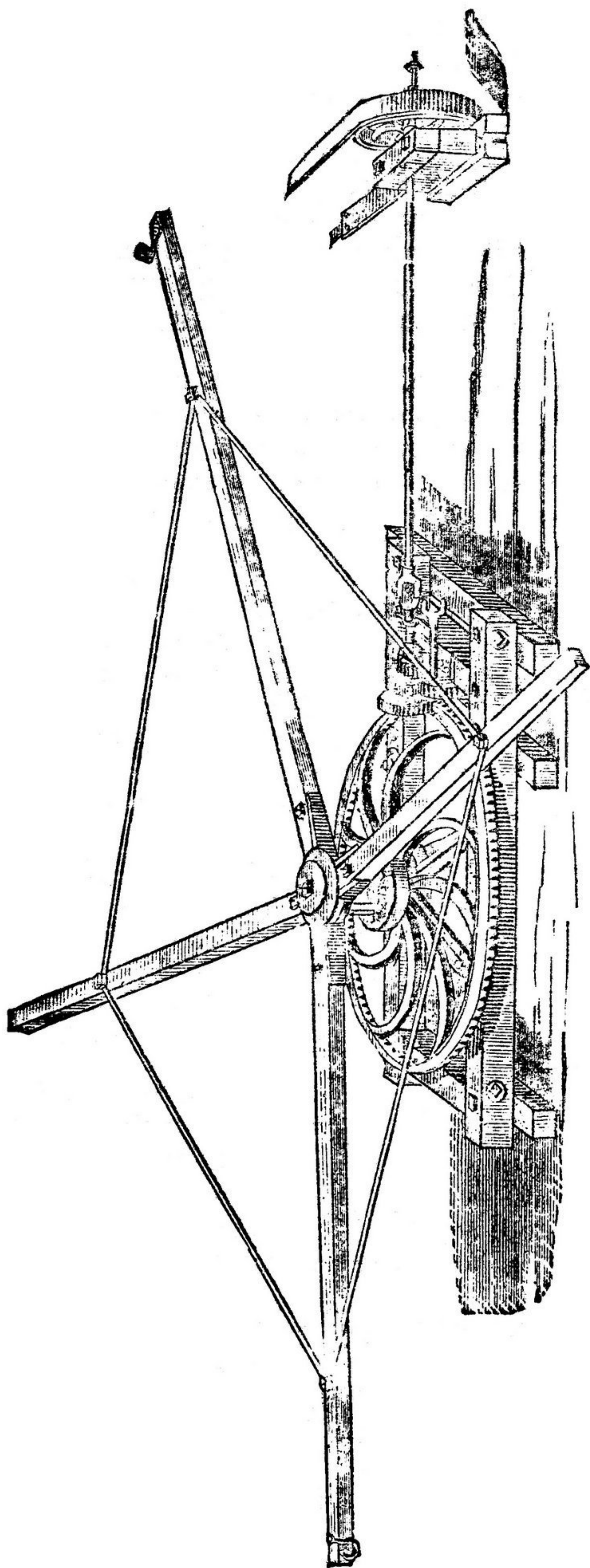
The **Length of cut** is regulated from three-eighths to one and one-half inches, by simply sliding the eccentric-arm up or down. **No change of gear.** It can be done while the machine is in motion.

Our **Power Cutters** have two knives. The Feed Rollers are turned by a strong finger gear. The whole feeding arrangement consists of but four gear wheels and the finger gear. They are strongly built, and are especially adapted to cut cornstalks or ensilage. They can be run by a one-horse power with good success.

To prevent accidents to the machine by reason of stones iron bolts, or other hard substances which sometimes get into the box, we put a patent **Safety Fly-Wheel** on the Nos. 3, 4, 5 and 6. When the knife strikes the hard substance, the fly wheel becomes loose on the shaft and expends its momentum, while the knife stops.

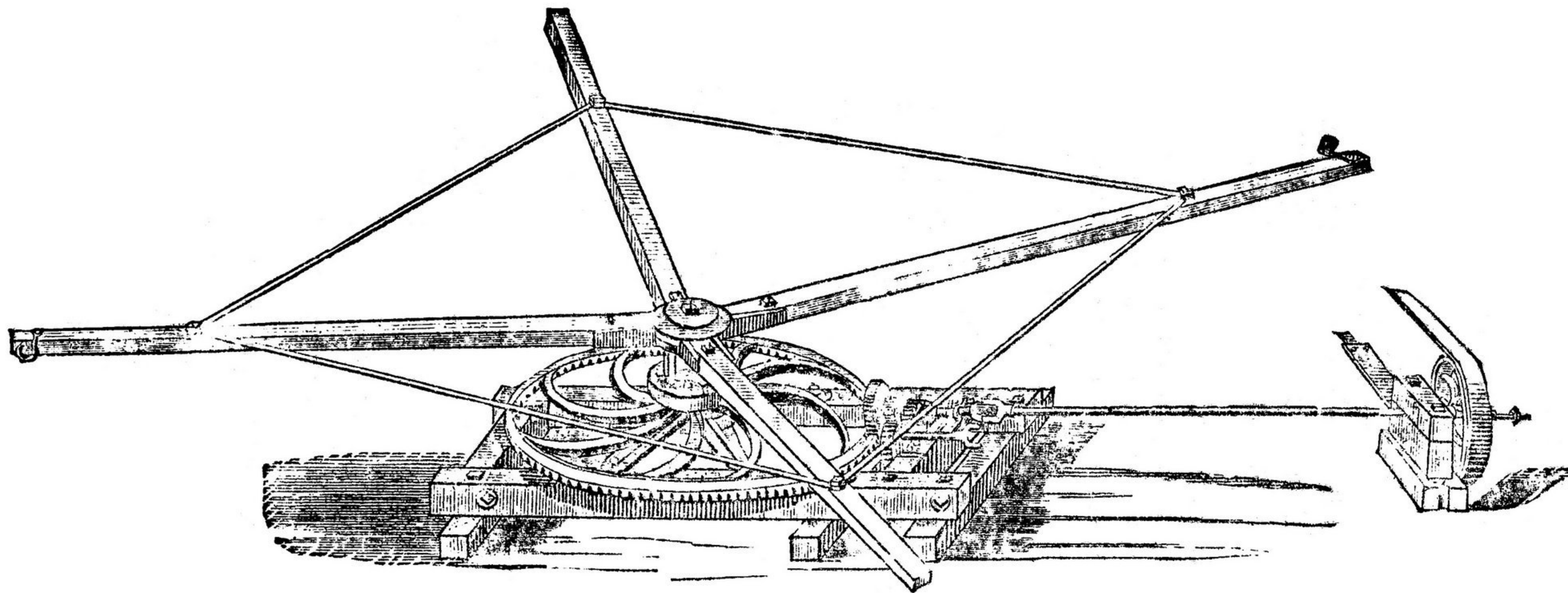
Carriers for Power Cutters are made any length as ordered, or to suit the purchaser.

We will **guarantee** the Tanner Feed Cutter to be well made and of good material, and, when properly run, to cut as much feed, of any kind, dry or green, in the same length of time, and do it easier, than any other machine of the same size, and we honestly believe that we offer the best machine for the money in the market.



ONE OR TWO HORSE POWER

For running Feed Cutters, Feed Mills, Corn Shellers, etc., etc., the best, the cheapest and simplest, Sweep Power in use. Price, complete, \$55.00. Sweeps are 8 feet long. Tumbling Rod is long enough to clear Sweeps. Pulley, 24 or 30 inch diameter and revolves 42 times to one turn of the horse. Belt is extra.



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